

10/509303 #2

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7272-137 / 10410482

EV 323473611US

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of:

**Satoshi AOKI**

**Serial No.:** Unknown

**Filed:** Herewith

**For:** COMPOUND SEMICONDUCTOR  
THIN-LAYER SOLAR CELL AND  
METHOD OF FABRICATING THE SAME

) **Group Art Unit:** Unknown

) **Examiner:** Unknown

) **National Phase Entry of**  
) **PCT/JP03/03500**

**INFORMATION DISCLOSURE STATEMENT**

**MAIL STOP / IDS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant(s) hereby disclose to the Patent Office patents, publications or other information of which they are aware, that they believe may be material to the patentability of one or more of the pending claims in this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

The items identified in this Information Disclosure Statement may or may not be "material" pursuant to 37 CFR 1.56 and the submission thereof by Applicant(s) shall not be construed as an admission that any such patent, publication or other information referred to therein is material or considered to be material (37 CFR 1.97h), or even

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qualifies as "prior art" under 35 USC §102 with respect to this invention unless specifically designated by Applicant(s) as such.

The filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information, as defined in 37 CFR 1.56, exists.

Attached is PTO Form 1449 listing the patents, publications and other information that may be material to the patentability of one or more claims of the subject application and copies of all such items are enclosed herewith.

A "concise explanation of the relevance" of the non-English language reference(s), as required by 37 CFR § 1.98(a)(3), is set forth at the start of the specification of this application in the discussion of the prior art.

Since this Information Disclosure Statement is being filed with the application, no fee or certification is required under 37 CFR §1.97.

Respectfully submitted,

Fulbright & Jaworski LLP

Dated: Sept 24, '04

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ATTY. DOCKET NO.

7272-137 / 10410482

SERIAL NO.

Unknown

# **LIST OF PATENTS AND OTHER INFORMATION FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT**

APPLICANT:

Satoshi AOKI

FILING DATE:

September 24, 2004

GROUP:

Unknown

(Use several sheets if necessary)

## **U.S. PATENT DOCUMENTS**

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE   | NAME            | CLASS | SUB<br>CLASS | FILING<br>DATE |
|---------------------|----|-----------------|--------|-----------------|-------|--------------|----------------|
|                     | AA | 4,611,091       | 9/1986 | Choudary et al. | 136   | 260          | 12/1984        |
|                     | AB |                 |        |                 |       |              |                |
|                     | AC |                 |        |                 |       |              |                |
|                     | AD |                 |        |                 |       |              |                |
|                     | AE |                 |        |                 |       |              |                |
|                     | AF |                 |        |                 |       |              |                |
|                     | AG |                 |        |                 |       |              |                |
|                     | AH |                 |        |                 |       |              |                |

## **FOREIGN PATENT DOCUMENTS**

| EXAMINER<br>INITIAL |          | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB<br>CLASS | TRANSLATION<br>YES NO |
|---------------------|----------|-----------------|------|---------|-------|--------------|-----------------------|
|                     | AI<br>AJ | 8-330614        | 1006 | JP      |       |              | Xx                    |

## **OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

|  |    |                                                                                                                                                                             |  |  |  |  |  |
|--|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
|  | AK | "Study of Cd-free buffer layers using In <sub>x</sub> (OH,S) <sub>y</sub> on CIGS solar cells" by C.H. Huang et al., Solar Energy Materials & Solar Cells 69 (2001) 131-137 |  |  |  |  |  |
|  | AL |                                                                                                                                                                             |  |  |  |  |  |
|  | AM |                                                                                                                                                                             |  |  |  |  |  |
|  | AN |                                                                                                                                                                             |  |  |  |  |  |
|  |    |                                                                                                                                                                             |  |  |  |  |  |

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant